Subjects

Aircraft hangars
aircraft hangar materials and structural systems, 28
airport classification, 133–136
building codes related to aircraft hangars, 37–38
components of aircraft hangars, 28–31
cost approach in valuing aircraft hangars, 144–146
definition of aircraft hangar, 26
fuel consumption considerations in valuing hangars, 34–35
highest and best use analysis of aircraft hangars, 136–138
income capitalization approach in valuing aircraft hangars, 147–149
leasehold analysis and valuation of aircraft hangars, 138–144
leasehold recapture 140–143
leases related to aircraft hangar facilities, 33–35
location considerations for aircraft hangars, 35–36
market analysis of the aviation industry and airports, 132–136
property rights and aircraft hangars, 32–34
partitioning leasehold interests and income for aircraft hangars, 140–144
reversionary value related to aircraft hangar leases, 143–144, 152
sales comparison approach in valuing aircraft hangars, 146–147
types and costs of aircraft hangar doors, 31–33
types of aircraft hangars, 26–28

Apartments
apartment market analysis process, 62–63
demand analysis and forecast for apartment properties, 62, 68–70
demand and supply interaction study in apartment market analysis, 62, 70–71
capitalization rates for apartment properties, 372–375
competitive supply analysis and forecast, 62–63, 71–72
feasibility rent for apartment properties, 63–64
levels of market analysis, 61–62
market analysis of apartment properties, 60–72
net leased properties and capitalization rates, 373
property productivity analysis, 62, 65–66
specification of most probable property users in apartment market, 62, 66–66

Appraisal review
appraisal review standards, 155–156
expropriation appraisal review, 155–167
unacceptable practices in appraisals and appraisal reviews, 166–167

The Appraisal of Real Estate
changes in *The Appraisal of Real Estate* thirteenth edition, 274–278

Architecture
design by a renowned architect and value added to a real estate project, 279–284

Awards
Appraisal Journal Outstanding Service Award, viii (Spring)
Appraisal Institute Education Trust announcement of scholarship awards, 392–393
Armstrong/Kahn Award, v (Spring)
Swango Award, vi–vii (Spring)

Building codes
building code requirements related to aircraft hangars, 26, 30–31, 37–38

Capitalization rates
bad data and its impact on capitalization rate, 371–376
capitalization rates for cemeteries and mortuaries, 336
establishing a standard method of capitalization derivation, 371–376
ground value as a function of overall capitalization rate and remaining life, 218–223
net leased properties and capitalization rates, 373
risk premiums in capitalization rates of investment property, 241–258
survey-based capitalization rates, 373–374
structure of initial yield and capitalization rates, 243–245

Cemeteries
capitalization rates for cemeteries and mortuaries, 336
cemetery characteristics, 332
cemetery pricing and competition, 334
revenue and expense categories of cemeteries, 333–335
valuation of cemeteries, 332–338

Comparable sales
selection of proper comparables for industrial incubator properties, 58–50

Condemnation (also see Expropriation)
appraisal review and condemnation appraisals, 155–167
before and after test for partial takings, 161–163
special issues in partial takings, 159–160

Contamination
categories of contamination, 344–345
contributors to contamination, 345–347
cost approach and detrimental conditions, 349
detrimental conditions analysis, 348–349
detrimental conditions matrix, 349
income capitalization approach and detrimental conditions, 349
sales comparison approach and detrimental conditions, 349–351
supplemental or alternative natural resource damage methodologies, 351, 353–354
valuation methodologies for measuring impact of contaminated waterways, 347–351

Contingent valuation
distinguishing results of stated preference and contingent valuation surveys, 267–269, 367-368
examination of problematic areas in contingent valuation questionnaire, 261–269

Subjects

Aircraft hangars
aircraft hangar materials and structural systems, 28
airport classification, 133–136
building codes related to aircraft hangars, 37–38
components of aircraft hangars, 28–31
cost approach in valuing aircraft hangars, 144–146
definition of aircraft hangar, 26
fuel consumption considerations in valuing hangars, 34–35
highest and best use analysis of aircraft hangars, 136–138
income capitalization approach in valuing aircraft hangars, 147–149
leasehold analysis and valuation of aircraft hangars, 138–144
leasehold recapture 140–143
leases related to aircraft hangar facilities, 33–35
location considerations for aircraft hangars, 35–36
market analysis of the aviation industry and airports, 132–136
property rights and aircraft hangars, 32–34
partitioning leasehold interests and income for aircraft hangars, 140–144
reversionary value related to aircraft hangar leases, 143–144, 152
sales comparison approach in valuing aircraft hangars, 146–147
types and costs of aircraft hangar doors, 31–33
types of aircraft hangars, 26–28

Apartments
apartment market analysis process, 62–63
demand analysis and forecast for apartment properties, 62, 68–70
demand and supply interaction study in apartment market analysis, 62, 70–71
capitalization rates for apartment properties, 372–375
competitive supply analysis and forecast, 62–63, 71–72
feasibility rent for apartment properties, 63–64
levels of market analysis, 61–62
market analysis of apartment properties, 60–72
net leased properties and capitalization rates, 373
property productivity analysis, 62, 65–66
specification of most probable property users in apartment market, 62, 66–66

Appraisal review
appraisal review standards, 155–156
expropriation appraisal review, 155–167
unacceptable practices in appraisals and appraisal reviews, 166–167

The Appraisal of Real Estate
changes in *The Appraisal of Real Estate* thirteenth edition, 274–278

Architecture
design by a renowned architect and value added to a real estate project, 279–284

Awards
Appraisal Journal Outstanding Service Award, viii (Spring)
Appraisal Institute Education Trust announcement of scholarship awards, 392–393
Armstrong/Kahn Award, v (Spring)
Swango Award, vi–vii (Spring)

Building codes
building code requirements related to aircraft hangars, 26, 30–31, 37–38

Capitalization rates
bad data and its impact on capitalization rate, 371–376
capitalization rates for cemeteries and mortuaries, 336
establishing a standard method of capitalization derivation, 371–376
ground value as a function of overall capitalization rate and remaining life, 218–223
net leased properties and capitalization rates, 373
risk premiums in capitalization rates of investment property, 241–258
survey-based capitalization rates, 373–374
structure of initial yield and capitalization rates, 243–245

Cemeteries
capitalization rates for cemeteries and mortuaries, 336
cemetery characteristics, 332
cemetery pricing and competition, 334
revenue and expense categories of cemeteries, 333–335
valuation of cemeteries, 332–338

Comparable sales
selection of proper comparables for industrial incubator properties, 58–50

Condemnation (also see Expropriation)
appraisal review and condemnation appraisals, 155–167
before and after test for partial takings, 161–163
special issues in partial takings, 159–160

Contamination
categories of contamination, 344–345
contributors to contamination, 345–347
cost approach and detrimental conditions, 349
detrimental conditions analysis, 348–349
detrimental conditions matrix, 349
income capitalization approach and detrimental conditions, 349
sales comparison approach and detrimental conditions, 349–351
supplemental or alternative natural resource damage methodologies, 351, 353–354
valuation methodologies for measuring impact of contaminated waterways, 347–351

Contingent valuation
distinguishing results of stated preference and contingent valuation surveys, 267–269, 367-368
examination of problematic areas in contingent valuation questionnaire, 261–269

isolating the unique effect of contamination in contingent valuation survey questions, 262–263

marginal bidder analysis in contingent valuation surveys, 264–265

scope test to test plausibility of contingent valuation responses, 265–266

Cost approach
building cost breakdown for aircraft hangar, 153–154

cost approach in valuation of aircraft hangars, 144–146

cost approach in valuation of water rights, 124

Discount rates
income capitalization approach and discount rates in valuing illiquid assets, 363–365

Environmental conditions
categories of contamination, 344–345

contributors to contamination, 345–347

cost approach and detrimental conditions, 349

detrimental conditions analysis, 348–349

detrimental conditions matrix, 349

effect of noise on property value compared to effect of noise barriers, 316–327

effect of contaminated waterways on property values, 344–354

income capitalization approach and detrimental conditions, 349

sales comparison approach and detrimental conditions, 349–351

supplemental or alternative natural resource damage methodologies, 351, 353–354

valuation methodologies for measuring impact of contaminated waterways, 347–351

Expert witnesses
Daubert and appraisal methodology cases, 169–178

expert witness testimony in real estate valuation cases, 168–178

skills make an effective expert witness, 313–315

Expropriation
before and after test for partial takings, 161–163

expropriation appraisal review, 155–167

highest and best use considerations in expropriation assignments, 158–159

history of the subject in expropriation appraisal assignments, 157–158

impact of taking, 159–188

nature of the project in expropriation appraisal assignments, 158

scope of work in expropriation appraisal assignments, 156

special issues in partial takings, 159–160

Financial accounting
application of asset impairment accounting standards in Japan, 179–188

characteristics of companies using appraisers' valuations in asset impairment accounting, 186–188

characteristics of companies using asset impairment accounting, 182–186

concepts in asset impairment accounting, 180–181

distinctions between valuation theory for financial investments and valuation theory for illiquid objects, 355–370

Financial markets
distinctions between valuation theory for financial investments and valuation theory for illiquid objects, 355–370

NCREIF discussion of status of financial markets, 119–121

Funeral homes and services—see Mortuaries

Geographic information system (GIS) analysis
using viewshed analyses as alternative to GIS-based analyses to measure the impact of lake views, 224–232

Green building—see Sustainability

Highest and best use
highest and best use analysis of aircraft hangars, 136–138

highest and best use and land value, 23–24

market value and use value in residential appraisals, 24–25

residential appraisals with commercial highest and best use, 24

Hotels
buyers' motivations in purchasing limited-service hotels, 48–49

factors influencing the gross rooms revenue multiplier for limited-service hotels, 49

framework for overall discount rates for limited-service hotels, 52–53

franchise affiliations and limited-service hotels, 49

product improvement program expenses for limited-service hotels, 51

risk associated with locational and physical characteristics of a limited-service hotel, 50–53

valuing hotels in the limited-service hotel market, 47–53

Income capitalization approach
German income approach and ground value, 218–223

income capitalization approach and discount rates in valuing illiquid assets, 363–365

income capitalization approach in valuation of aircraft hangars, 147–150

income capitalization approach in valuation of cemeteries and mortuaries, 336, 340, 342

income capitalization approach in valuation of water rights, 124–125

Industrial incubator properties
characteristics of industrial incubator warehouses, 54–55

selection of proper comparables for industrial incubator properties, 58–50

significant differences between industrial incubator facilities and other warehouse facilities, 55–58

International valuation standards
harmonization of valuation standards and German concept of ground value, 216–218

international valuation standards for illiquid assets, 361–362

Lakes
appraising property in the heavily regulated area of the Lake Tahoe Basin, 233–240

impact of views of man-made lakes on real estate values, 224–232

Land use regulation
land use regulation in the Lake Tahoe Basin, 233–240

land use regulations related to commercial uses, 238

residential building permit allocations, 237–238

Leases
leasehold analysis and valuation of aircraft hangar ground lease, 138–144

leasehold recapture 140–143

leases related to aircraft hangar facilities, 33–35

partitioning leasehold interests and income for aircraft hangars, 140–144

reversionary value related to aircraft hangar leases, 143–144, 152

Market analysis
absorption forecasting, 377–378, 382-390

apartment market analysis process, 62–63

competitive supply analysis and forecast, 62–63, 71–72

demand analysis and forecast for apartment properties, 62, 68–70

demand and supply interaction study in apartment market analysis, 62, 70–71

discounts for lack of marketability, 365–367

estimating entrepreneurial incentive, 212–215

feasibility rent for apartment properties, 63–64

foreclosure markets and analysis of potential buyers 211–215

fundamental demand analysis, 380–381

levels of market analysis, 61–62, 379–381

market surveys in subdivision market analysis, 379, 384

market trends and demand for cemeteries and mortuaries, 329–332

property productivity analysis, 62, 65–66

rationale for measuring absorption, 382–383

six-step market analysis process for analyzing future timing and volume of demand of specific use, 379–382

subdivision market analysis, 377–390

specification of most probable property users in apartment market, 62, 66–66

Market value
concepts and processes in economic theory of value, 355–359

distinctions between valuation of liquid and illiquid objects, 359–363

income capitalization approach and discount rates in valuing illiquid assets, 363–365

market value in "ideal" financial markets, 359–361

misconceptions about valuation, 358

modern portfolio theory, 362–363

pricing of illiquid assets, 367–369

Mortuaries
capitalization rates for cemeteries and mortuaries, 336

deathcare industry trends, 329–332

federal and state regulation of funeral goods and services, 330–331

financial analysis of mortuaries, 340–341

financial data on funeral homes and funeral services, 341–342

highest and best use and mortuaries, 338

market trends in funeral goods and services, 329–332

mortuary characteristics, 338

revenue and expenses of mortuaries, 340

three approaches to value and mortuaries, 338-342

valuation of real property of mortuaries, 338

National Council of Real Estate Investment Fiduciaries (NCREIF)
summary of discussions at NCREIF Winter 2008 meeting, 119–121

Noise barriers
effect of noise on property value compared to effect of noise barriers, 317–319

effect of noise barriers on market value of homes, 316–327

Option valuation
using the cost approach to value options to purchase real estate, 272–273

value of option to purchase real estate deduced by creating an alternative portfolio providing an identical expected payoff, 270–273

Residential property
foreclosure markets, 211–215

highest and best use of residential property and impact of land value, 23–24

market value and use value in residential appraisals, 24–25

residential appraisals with commercial highest and best use, 24

Risk
initial yield, risk premium, and real interest, 247–249

net risk premiums and real interest rates, 249–257

risk assessment for contaminated waterways, 344–352

risk associated with locational and physical characteristics of a limited-service hotel, 50–53

risk premiums in capitalization rates of investment property, 241–258

Royal Institution of Chartered Surveyors (RICS)
responsibilities of RICS members related to sustainability, 15–22

valuation standards of the RICS, 359

Sales comparison approach
sales comparison approach and adjustments for foreclosure properties, 213–215

sales comparison approach in valuation of aircraft hangars, 146–147

sales comparison approach in valuation of cemeteries and mortuaries, 335, 340–342

sales comparison approach in valuation of water rights, 123–124, 127–131

selection of proper comparables for industrial incubator properties, 58–50

Subdivision valuation
absorption forecasting, 377–378, 382-390

analysis of potential home buyers' ability to pay, 388–389

fundamental demand analysis, 380–381

levels of market analysis, 379–381

market surveys in subdivision market analysis, 379, 384

rationale for measuring absorption, 382–383

six-step market analysis process for analyzing future timing and volume of demand of specific use, 379–382

subdivision market analysis, 377–390

Survey data
distinguishing results of stated preference and contingent valuation surveys, 267–269

examination of problematic areas in contingent valuation questionnaire, 261–269

inferred analysis market surveys for subdivisions, 379–380

isolating the unique effect of contamination in contingent valuation survey questions, 262–263

marginal bidder analysis in contingent valuation surveys, 264–265

scope test to test plausibility of contingent valuation responses, 265–266

survey data as a source of capitalization rate data, 373–374

Sustainability
benefits and incentives related to green building, 115–116

business property and sustainability, 19

improving knowledge and skills related to sustainability, 117–118

leadership in energy and environ-

mental design (LEED), 115

residential property and sustanability, 18–19

sustainable development defined, 116

sustainable development and the property lifecycle, 16–17

sustainability policy of the Royal Institution of Chartered Surveyors (RICS), 21–22

valuation and sustainability, 19–20, 115–118

Warehouse properties

characteristics of industrial incubator warehouses, 54–55

selection of proper comparables for industrial incubator properties, 58–50

significant differences between industrial incubator facilities and other warehouse facilities, 55–58

Water rights

before and after value of land with transfer of water rights, 130

contractual entitlements to water, 42–43

cost approach in the valuation of water rights, 124

income capitalization approach in the valuation of water rights, 124–125

sales comparison approach in the valuation of water rights, 123–124, 127–131

transfers of contractual entitlements to water, 46

transfers of waters rights, 43–46

types of water rights and interests, 40–41

valuation methodology for water rights, 122–131

valuing a partial interest water right, 126–130

valuing stand-alone water rights, 125, 130–131

water ownership interests, 41

water rights ownership interests, 41–42

Water views

using viewshed analyses to measure the impact of lake views on urban residential properties, 224–232

Waterways

contributors to water pollution, 345–347

effect of contaminated waterways on property values, 344–354

risk assessment for contaminated waterways, 348–349

valuation methodologies to measure impact of environmental conditions, 347–351

Titles

Apartment Market Analysis
Richard L. Parli, MAI, 60–72

The Appraisal of Water Rights: Their Nature and Transferability
Steven J. Herzog, MAI, 39–46

The Appraisal of Water Rights: Valuation Methodology
Steven J. Herzog, MAI, 122–131

Architectural Branding
Witold Rybczynski, 279–284

An Argument for Establishing a Standard Method for Capitalization Rate Derivation
Eric T. Reenstierna, MAI, 371–376

Asset Impairment Accounting and Appraisers: Evidence from Japan
Takashi Yamamoto, PhD, 179–188

Contaminated Waterways and Property Valuation
Randall Bell, MAI, 344–354

***Daubert* and the Appraisal Expert Witness Revisited**
Richard W. Hoyt, PhD, MAI, SRA, and Robert J. Aalberts, JD, 168–178

The Effect of Noise Barriers on the Market Value of Adjacent Residential Properties
Benoit Julien and Paul Lanoie, 316–327

Expropriation Appraisal Review
Tony Sevelka, MAI, 155–167

Foreclosure Markets—Wholesale or Retail?
Mark R. Rattermann, MAI, SRA, 211–215

Green Buildings: Valuation Issues and Perspectives
Jennifer M. Pitts and Thomas O. Jackson, PhD, MAI, 115–118

Highest and Best Use Problems in Market Value Appraisals
Mark R. Rattermann, MAI, SRA, 23–25

Industrial Incubators: Key Characteristics That Impact Value
Donald Sonneman and David J. Yerke, MAI, 54–59

An Introduction to the Valuation of Aircraft Hangars
Timothy J. Lindsey, 26–38, 132–154

The Lake Tahoe Basin: Appraising in a Heavily Regulated Market
Steven J. Herzog, MAI, 233–240

The Making of the 13th Edition of *The Appraisal of Real Estate*
Michael McKinley, 274–278

No Clear Answers
James R. DeLisle, PhD, 105–114

A Note for Appraisers on Option Valuation
J. Howard Finch, PhD, Travis L. Jones, PhD, and H. Shelton Weeks, PhD, 270–273

The Perfect Storm Rippling over to Real Estate
James R. DeLisle, PhD, 200–210

Professional Valuation and Investment-Financial Valuation: Distinctions in Valuations for Private and Public Markets
A. I. Artemenkov, G. I. Mikerin, PhD, and I. L. Artemenkov, 355–370

Put Simply, Make Your Experts Teach
Jim McElhaney, 313–315

The R Factor: Remarkable Resilience or Recession?
James R. DeLisle, PhD, 6–14

Risk Premiums in Cap Rates of Investment Property
Martine Van Wouwe, Tom M. Berkhout, and Pol R. Tansens, 241–258

Standard Ground Value in the Context of the Harmonization of Property Valuation
Philipp Naubereit, 216–223

Subdivision Market Analysis and Absorption Forecasting
Don M. Emerson, Jr., MAI, SRA, 377–390

Surveying Sustainability: A Short Guide for the Property Professional
Rachel Fisher, Liz Coll, Lorna Pelly, and Jerry Percy, 15–22

The Three C's of Our Disconnect: Credit, Confidence, and Collateral
James R. DeLisle, PhD, 301–312

Trend Report 2007
Eric Goodman and Sarah Martin, 75–80

Under the Microscope: Dissection of a Contingent Valuation Survey
Kristy E. Mathews, 259–269

The Valuation of Cemeteries and Mortuaries
Arthur E. Gimmy, MAI, 328–343

Valuation Committee Meeting Notes
Del H. Kendall, MAI, 119–121

Valuing Limited-Service Hotels: A Pragmatic Framework from a Broker's Perspective
Byron B. Hinton, MAI, 47–53

Viewshed Analyses to Measure the Impact of Lake Views on Urban Residential Properties
Steven Shultz, PhD, and Nick Schmitz, 224–232

Authors

Aalberts, Robert J., 168–178

Artemenkov, A. I., 355–370

Artemenkov, I. L., 355–370

Bell, Randall, 344–354

Berkhout, Tom M., 241–258

Coll, Liz, 15–22

Crosson, Stephen T., v (Winter)

DeLisle, James R., 6–14, 106–114, 200–210, 301–312

Emerson, Don M., Jr., 377–390

Finch, J. Howard, 270–273

Fisher, Rachel, 15–22

Gimmy, Arthur E., 328–343

Goodman, Eric, 73–80

Herzog, Steven J., 39–46, 122–131, 233–240

Hinton, Byron B., 47–53

Hoell, Sue, 189–190

Hoyt, Richard W., 168–178

Jackson, Thomas O., 115–118

Jones, Travis L., 270–273

Julien, Benoit, 316–327

Kendall, Del H., 119–121

Lanoie, Paul, 316–327

LeGrand, Lauren E., 296–300

Lindsey, Timothy J., 26–38, 132–154

Martin, Sarah, 73–80

Mathews, Kristy E., 259–269

McElhaney, Jim, 313–315

McKinley, Michael, 274–278

Mikerin, G. I., 355–370

Naubereit, Philipp, 216–223

Parli, Richard L., 60–72

Pelly, Lorna, 15–22

Percy, Jerry, 15–22

Pitts, Jennifer M., 115–118

Rattermann, Mark R., 23–25, 211–215

Reenstierna, Eric T., 371–376

Rybczynski, Witold, 279–284

Schmitz, Nick, 224–232

Sevelka, Tony, 155–167

Shultz, Steven, 224–232

Sonneman, Donald, 54–59

Tansens, Pol R., 241–258

Van Wouwe, Martine, 241–258

Weeks, H. Shelton, 270–273

Weinberger, Alan M., 1–5, 99–104, 195–199, 296–300

Yamamoto, Takashi, 179–188

Yerke, David J., 54–59